

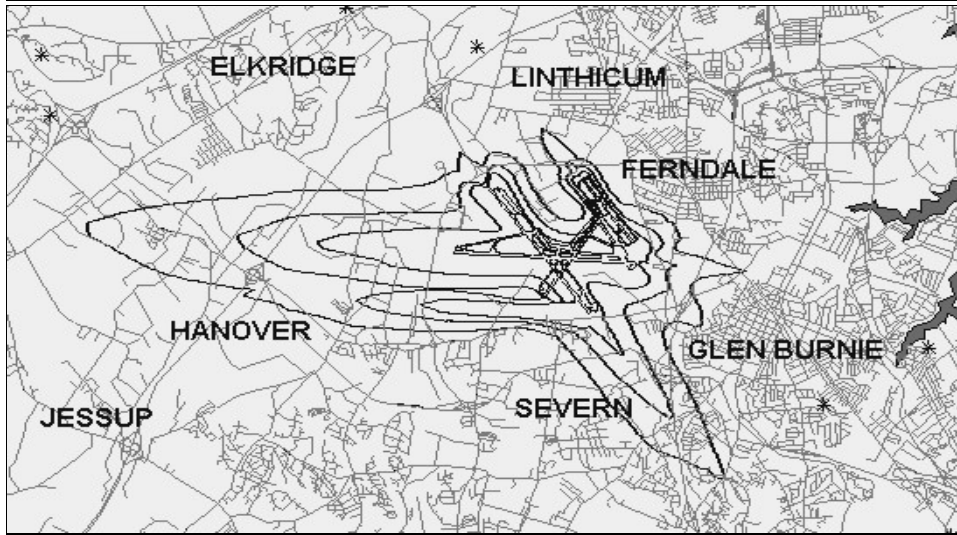


Maryland Aviation Administration

**MARYLAND AVIATION ADMINISTRATION
CAPITAL PROGRAM SUMMARY
(\$ MILLIONS)**

	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>SIX-YEAR TOTAL</u>
<u>Construction Program</u>							
Major Projects	193.4	80.2	29.3	18.1	10.8	10.6	342.5
System Preservation Minor Projects	76.9	67.4	71.5	33.2	41.0	41.7	331.6
<u>Development & Evaluation Program</u>	<u>2.0</u>	<u>7.2</u>	<u>0.8</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>10.0</u>
SUBTOTAL	272.2	154.8	101.6	51.3	51.8	52.4	684.1
<u>Capital Salaries, Wages & Other Costs</u>	<u>5.6</u>	<u>5.9</u>	<u>6.1</u>	<u>6.3</u>	<u>6.5</u>	<u>6.7</u>	<u>37.1</u>
TOTAL	277.9	160.7	107.6	57.6	58.3	59.1	721.2
Special Funds	66.8	66.4	55.3	39.5	40.6	41.0	309.6
Federal Funds	38.0	16.9	34.9	12.1	11.7	12.1	125.7
Other Funding *	173.1	77.4	17.4	6.0	6.0	6.0	285.9

* Other funding includes Maryland Transportation Authority (MdTA) bond financing; Passenger Facility Charges (PFC's); Customer Facility Charges (CFC's); and Maryland Economic Development Corporation (MEDCO) funds. These funds are included in the total.



STATUS: MAA has acquired 249 properties through FY 2004.

PROJECT: Noise Zone Land Acquisition Program

DESCRIPTION: This program promotes compatible land use around Baltimore/Washington International Airport (BWI) through the purchase of residential properties offered voluntarily for sale by owners within designated impacted noise areas.

JUSTIFICATION: The Maryland Environmental Noise Act requires the Maryland Aviation Administration (MAA) to minimize the impact of aircraft related noise on people living near BWI. The purpose of this program is to purchase, at fair market value, the most severely impacted residential properties within the BWI Airport Noise Zone, consistent with local zoning.

SMART GROWTH STATUS:

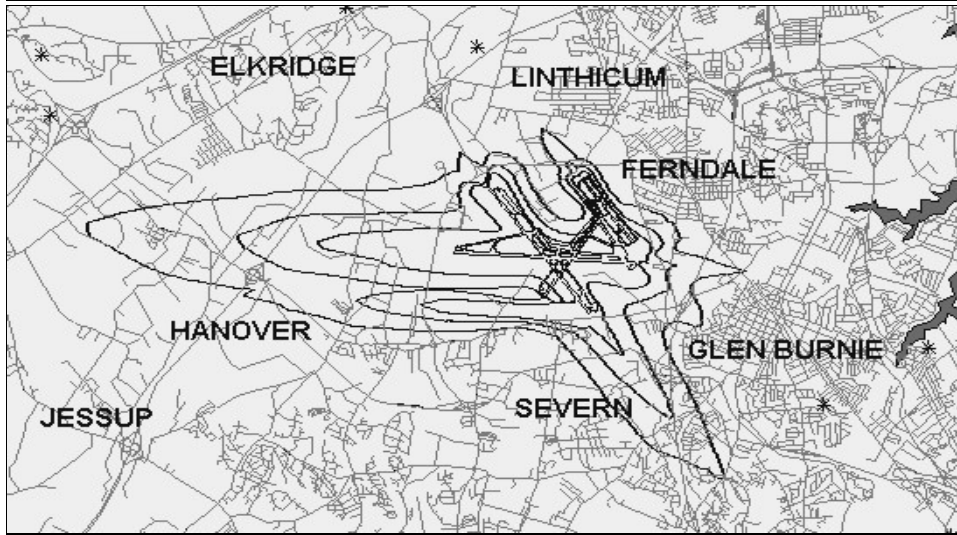
- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

Homeowner Assistance Program -- Line 2

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: Noise Contour Map update will delay federal funds until FY 2007. FY 2000 - FY 2006 expenditures will be reimbursed.

POTENTIAL FUNDING SOURCE:										
TOTAL										
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	49	49	0	0	0	0	0	0	0	0
Right-of-way	34,551	33,707	375	375	94	0	0	0	844	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	34,600	33,756	375	375	94	0	0	0	844	0
Federal-Aid	26,613	23,687	0	0	2,926	0	0	0	2,926	0



STATUS: MAA has participated in the soundproofing of 571 properties and sales assistance for 113 homes through FY2004.

PROJECT: Homeowner Assistance Program

DESCRIPTION: This voluntary program provides for the mitigation of aircraft noise and improvement of land-use compatibility around BWI. Homeowners may elect to either sell their home, with the State ensuring a fair market value, or have their house soundproofed to reduce interior noise levels. The State receives an aviation easement for each participating property.

JUSTIFICATION: This program enhances the environment of neighboring communities by providing noise mitigation for homeowners residing within the BWI Airport Noise Zone starting with the most severely impacted communities.

SMART GROWTH STATUS:

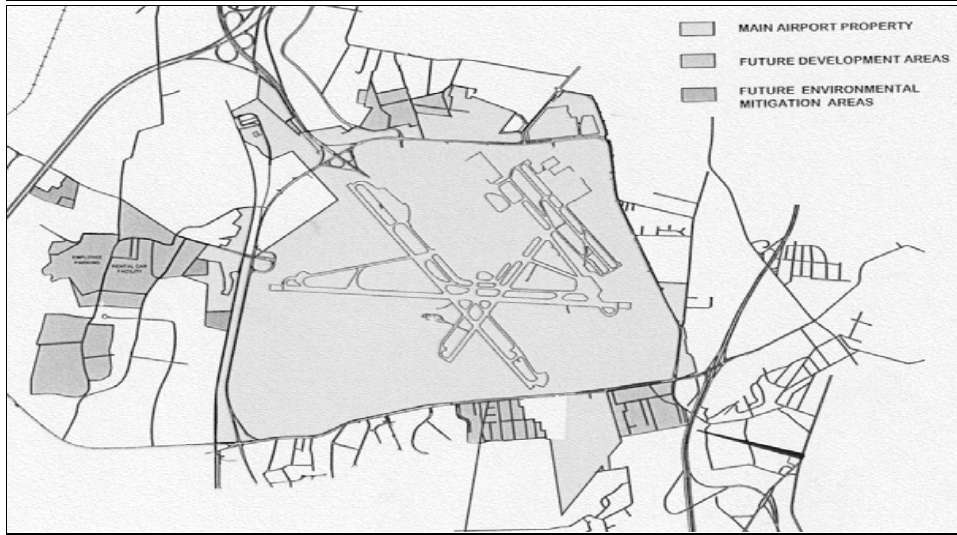
- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

Noise Zone Land Acquisition Program -- Line 1

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: Noise Contour map update will delay federal funds until FY 2007. FY 2004 - FY2006 expenditures will be reimbursed.

POTENTIAL FUNDING SOURCE:										
	<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	431	254	177	0	0	0	0	0	177	0
Right-of-way	28,930	19,150	1,050	1,050	1,920	1,920	1,920	1,920	9,780	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	29,361	19,404	1,227	1,050	1,920	1,920	1,920	1,920	9,957	0
Federal-Aid	21,217	11,372	0	0	5,729	1,364	1,376	1,376	9,845	0



STATUS: Acquisitions ongoing.

PROJECT: Protective Land Acquisition Program

DESCRIPTION: This program provides for the purchase of property in the immediate vicinity of the BWI and/or Martin State (MTN) airports to ensure its availability in future years for potential aviation purposes.

JUSTIFICATION: This multi-year program provides the opportunity to protect property for future airport-related facilities, environmental requirements, and to ensure compatible land-use around the airports.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA
☐ Grandfathered
☐ Project Outside PFA; Subject to Exception
☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

None.

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: None.

POTENTIAL FUNDING SOURCE:										
<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	27,058	12,058	2,500	2,500	2,500	2,500	2,500	2,500	15,000	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	27,058	12,058	2,500	2,500	2,500	2,500	2,500	2,500	15,000	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



STATUS: Construction started in FY 2003. Terminal/Concourse A to open in Spring 2005, with reconstruction of the Concourse B connector complete in late 2005.

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: Updated project cashflow reflects latest expenditure schedule.

PROJECT: New Terminal A/B Expansion at BWI Airport

DESCRIPTION: This project provides for the construction of a new 11-gate Terminal/Concourse A and full reconstruction of a portion (4 gates) of Concourse B. Project includes demolition of the original 3-gates on Concourse A, construction of a new ticketing concourse, security, and concession areas, 11 new passenger gates and holdrooms, moving walkways, baggage claim areas on the lower level, and airline operations and support areas. Four gates of the existing Concourse B will also be fully reconstructed to include, expanded hold rooms, concessions, moving sidewalks, other passenger amenities and airline support space.

JUSTIFICATION: Expansion of the Terminal is necessary to accommodate the continued expansion of domestic air service.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

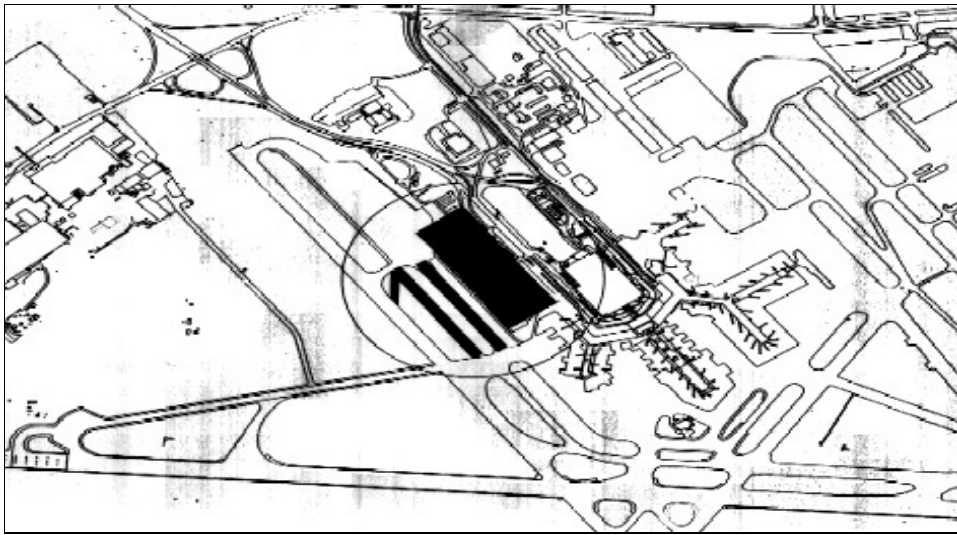
- 15R Parallel Taxiway and Aircraft Parking Ramp at BWI Airport -- Line 5
 Terminal Entrance Roadway Improvements, Phase II -- Line 6
 Central Utility Plant Expansion and Upgrade of Electrical Substations at BWI Airport -- Line 9

POTENTIAL FUNDING SOURCE:					<input type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input checked="" type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	28,350	27,658	692	0	0	0	0	0	692	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	191,891	67,829	90,704	33,358	0	0	0	0	124,062	0
Total	220,241	95,487	91,396	33,358	0	0	0	0	124,754	0
Federal-Aid	9,000	0	9,000	0	0	0	0	0	9,000	0

USAGE: Accommodate projected 210 daily flights.

OPERATING COST IMPACT: Operating cost will be recovered through airport user fees.

Other funding is Maryland Economic Development Corporation (MEDCO) and revenue bonds supported by Passenger Facility Charge (PFC).



STATUS: Construction completed in Fall 2004. Remaining funds are for final invoices and project closeout.

PROJECT: 15R Parallel Taxiway and Aircraft Parking Ramp at BWI Airport

DESCRIPTION: This project provides for approximately 1,500 feet of taxiway parallel to Runway 15R. The project also provides new aircraft parking and deicing ramp adjacent to the new taxiway and immediately north of the new Terminal A/B. The new ramp will also accommodate the new Terminal A/B and will be fitted with a gate deicing collection system.

JUSTIFICATION: This project is the final segment to complete a two-way taxiway to the Runway 15R holdblock and threshold. This will improve airport capacity by providing dual aircraft flow to the runway threshold, thereby allowing alternative routing and sorting of departing aircraft. The new ramp will provide sufficient aircraft ramp and parking positions to facilitate the Terminal A/B expansion.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

New Terminal A/B Expansion at BWI Airport -- Line 4

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: None.

POTENTIAL FUNDING SOURCE:										
<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	2,149	2,137	12	0	0	0	0	0	12	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	58,488	50,489	7,999	0	0	0	0	0	7,999	0
Total	60,637	52,626	8,011	0	0	0	0	0	8,011	0
Federal-Aid	38,113	22,539	15,574	0	0	0	0	0	15,574	0

USAGE: Accommodate projected 40% increase in passenger levels between 2000 and 2010.

OPERATING COST IMPACT: Operating cost will be recovered through airport user fees.

Other funding is revenue bonds supported by a Passenger Facility Charge (PFC).

1117



STATUS: Construction underway. Skywalk at Concourse D opened in November 2003, Concourse B Skywalk opened in May 2004, and Hourly Garage central spine opened November 2004. Roadway work to continue in multiple phases through FY 2006.

PROJECT: Terminal Entrance Roadway Improvements, Phase II, Upper Level Roadway Widening and Pedestrian Overpasses at BWI Airport

DESCRIPTION: The project includes new enclosed, elevated pedestrian skywalks with moving walkways from the existing Hourly Garage to the terminal building at Concourses A, B, and D over the upper level roadway, and moving walkways in the Hourly Parking garage to enhance circulation. The project also widens the upper level roadway to add new public curbside and two new lanes for use by commercial and airport shuttle vehicles. Further, the project includes enhancements to the terminal by replacing the front window wall to improve circulation plus flooring and aesthetic improvements.

JUSTIFICATION: This project is necessary to address projected upper level roadway capacity requirements and terminal circulation. The project will also help relieve traffic congestion.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

New Terminal A/B Expansion at BWI Airport -- Line 4

Central Utility Plant Expansion and Electric Sub-Station Upgrade at BWI Airport -- Line 9

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: None.

<u>POTENTIAL FUNDING SOURCE:</u>					<input type="checkbox"/> SPECIAL	<input type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input checked="" type="checkbox"/> OTHER		
TOTAL										
PHASE	ESTIMATED	EXPEND	CURRENT	BUDGET	PROJECTED CASH REQUIREMENTS				SIX	BALANCE
	COST	THRU	YEAR	YEAR	FOR PLANNING PURPOSES ONLY				YEAR	TO
	(\$000)	2004	2005	2006	.....2007.....	.....2008.....	.....2009.....	.....2010.....	TOTAL	COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	9,874	9,405	469	0	0	0	0	0	469	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	171,786	89,834	48,113	28,258	5,581	0	0	0	81,952	0
Total	181,660	99,239	48,582	28,258	5,581	0	0	0	82,421	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

USAGE: Accommodate projected 40% increase in passenger levels between 2000 and 2010.

OPERATING COST IMPACT: Operating cost will be recovered through airport user fees.

Other funding is revenue bonds supported by a Passenger Facility Charge (PFC) and airport parking revenue.



STATUS: Surface lot complete. All garage spaces available as of July 2004. Project complete in December 2004.

PROJECT: New Daily Public Parking Garage and Surface Lot at BWI Airport

DESCRIPTION: This project provides for construction of an 8,400 space multi-level parking structure off the new Access/Return Roadway including entrance and exit helixes, revenue control plaza, elevators, and SmartPark wayfinding technology. The location of the new parking garage required the relocation of the MDOT Headquarters building including land acquisition, and roadway improvements. This project also includes construction of a 1,400 space surface lot at Elm Road and Aviation Boulevard, including a revenue control plaza, access/egress provisions, and shelters.

JUSTIFICATION: Provision of adequate parking near the terminal is critical for meeting business and other travelers' needs. This project will also provide needed capacity to replace parking capacity impacted by terminal expansion and airfield improvements.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

None.

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: Cost decrease of \$10.7 million result of project completion. FY 2005 represents construction close out work.

POTENTIAL FUNDING SOURCE:										
<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	7,236	6,568	668	0	0	0	0	0	668	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	154,665	145,983	8,682	0	0	0	0	0	8,682	0
Total	161,901	152,551	9,350	0	0	0	0	0	9,350	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

USAGE: Accommodate projected 40% increase in passenger levels between 2000 - 2010.

OPERATING COST IMPACT: Operating cost will be recovered thru airport parking fees.

Other funding is revenue bonds supported by Airport Parking Revenue.



STATUS: Facility opened in December 2003.

PROJECT: Consolidated Rental Car Facility at BWI Airport

DESCRIPTION: This project provides for a new rental car facility located immediately west of the airport off Stoney Run Road. This site will consolidate rental car activities providing customer service facilities, an expanded area for vehicle ready/return, vehicle service and maintenance facilities, and vehicle storage areas. Shuttle bus service will be provided to the terminal. Project also includes purchase of 25 Clean Natural Gas buses and construction of bus maintenance facility exclusively for the rental car shuttle bus service.

JUSTIFICATION: BWI rental car facilities are at capacity and cannot accommodate projected passenger demand. The limited existing ready/return, maintenance and storage facilities cause a high level of inefficient operations and customer delay. New consolidated facilities will provide adequate space for immediate and future growth.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

None.

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: Updated project cashflow reflects latest expenditure schedule. FY 2005 represents construction close out work.

POTENTIAL FUNDING SOURCE:										
TOTAL										
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	6,864	6,864	0	0	0	0	0	0	0	0
Right-of-way	5,639	5,639	0	0	0	0	0	0	0	0
Construction	119,419	116,804	2,615	0	0	0	0	0	2,615	0
Total	131,922	129,307	2,615	0	0	0	0	0	2,615	0
Federal-Aid	563	563	0	0	0	0	0	0	0	0

USAGE: Accommodate projected increase of 40% in passenger levels between 2000 and 2010.

OPERATING COST IMPACT: Operating cost will be recovered thru rental car user fees.

Other funding is revenue bonds supported by a Customer Facility Charge (CFC).

1015



STATUS: Project complete. Minor adjustments will continue through 2005.

PROJECT: Central Utility Plant Expansion and Upgrade of Electrical Substation at BWI Airport

DESCRIPTION: This project provides the further expansion of the Central Utility Plant cooling and heating capacity, and the upgrade of the north and south electrical substation, which are the two main electrical feeders for the airport.

JUSTIFICATION: Airport facility expansion requires additional heating/cooling and electrical capacity. Additional capacity is required for the new conditioned pedestrian skywalks, terminal building expansion and increase load due to increasing facility demand resulting from growth.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

New Terminal A/B Expansion at BWI Airport -- Line 4
 Terminal Entrance Roadway Improvements, Phase II -- Line 6

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: Cost decrease of \$2.9 million due to favorable construction cost.

POTENTIAL FUNDING SOURCE:										
<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,580	1,453	127	0	0	0	0	0	127	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	22,224	19,700	2,524	0	0	0	0	0	2,524	0
Total	23,804	21,153	2,651	0	0	0	0	0	2,651	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

USAGE: Accommodate projected increase of over 40% in passenger levels between 2000 and 2010.

OPERATING COST IMPACT: Operating cost will be recovered through airport user fees.

Other funding is revenue bonds supported by airport parking revenues.



STATUS: Installation complete with minor adjustments continuing into FY 2005.

PROJECT: Full Buildout of Parking Guidance System in Hourly Parking Garage at BWI Airport

DESCRIPTION: This project will provide for the completion of the installation of the SmartPark parking guidance system in the Hourly Parking Garage, immediately in front of the terminal. The electronic system consists of sensors above each parking space relaying real-time information concerning space availability upon approaching the garage, as well as, the number of available spaces on each level and in individual rows.

JUSTIFICATION: This system greatly enhances wayfinding for garage customers and allows for greater efficiency and higher capacity in the garage. Typically, parking facilities are closed when they reach 85 percent capacity to ensure availability in a reasonable search time. The precision and efficiency of the new systems allows for 100 percent capacity before the facility is closed.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

None.

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: Updated project cashflow reflects latest expenditure schedule.

POTENTIAL FUNDING SOURCE:										
<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	.....2007....	.....2008....	.....2009....	.....2010....	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	3,280	2,747	533	0	0	0	0	0	533	0
Total	3,280	2,747	533	0	0	0	0	0	533	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

USAGE: Approximately 4 million annual transactions.



STATUS: Complete.

PROJECT: Comprehensive Roadway Sign System at BWI Airport

DESCRIPTION: Installation of new standardized roadway guidance and parking signage system for BWI and airport related facilities on major entrance roadways.

JUSTIFICATION: The project will provide roadway guide signage incorporating Variable Message Signs (VMS) technologies and new graphic designs into Airport-area signage. This project will provide a method of informing patrons on parking lot availability in advance of key decision points and guiding them with VMS signs to alternate open parking facilities when needed. This project will introduce new graphic design for airport signage that will be unique and easily identified for airport wayfinding to parking and facilities. The project will also incorporate CHART II regional traffic messages for airport users.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

None.

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: Updated project cashflow reflects latest expenditure schedule.

POTENTIAL FUNDING SOURCE:										
	<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	134	134	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	4,507	4,022	485	0	0	0	0	0	485	0
Total	4,641	4,156	485	0	0	0	0	0	485	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



STATUS: Delivery complete. First buses accepted October 2004.

PROJECT: Purchase of New Bus Fleet For Shuttle Services at BWI Airport

DESCRIPTION: Purchase of fifty (50) clean diesel, low-floor buses, for Airport shuttle bus services to/from public and employee parking facilities, and Amtrak BWI Rail Station.

JUSTIFICATION: The current shuttle bus fleet is provided and operated by a private contractor. Maintaining a consistent and reliable fleet is becoming more difficult as the service demands increase. Purchase by the MAA of a new fleet will provide for a uniform and sufficiently sized fleet of energy-efficient vehicles which will improve reliability and reduce operating cost.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

None.

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: Cost decrease of \$4.6 million reflects favorable contract price.

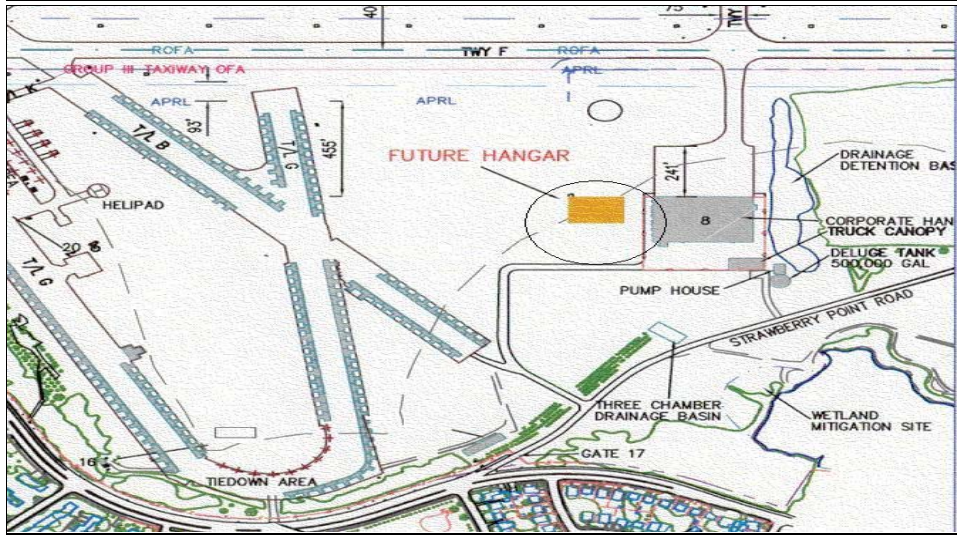
POTENTIAL FUNDING SOURCE: <input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	15,400	0	15,400	0	0	0	0	0	15,400	0
Total	15,400	0	15,400	0	0	0	0	0	15,400	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

USAGE: Over 1,000 daily trips with approximately 4 million transactions annually.

OPERATING COST IMPACT: Operating costs will be recovered thru airport user fees.

The other funding source is Certificate of Participation (COPS).

1243



STATUS: Design underway. Construction start projected for early FY 2006.

PROJECT: Midfield Complex - Aircraft Hangar at Martin State Airport

DESCRIPTION: This project provides for the construction of a 20,000 square foot hangar in the midfield complex area for public aircraft maintenance and storage, and aviation-related support activities.

JUSTIFICATION: Currently accommodations at Martin State Airport for storage of larger corporate jets and business aircraft is inadequate. Multiple firms have expressed interest in upper scale hangar spaces. It is essential to build hangars that will accommodate larger corporate jets and provide quality of hangars commensurate with the type of premium aircraft utilized by customers.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

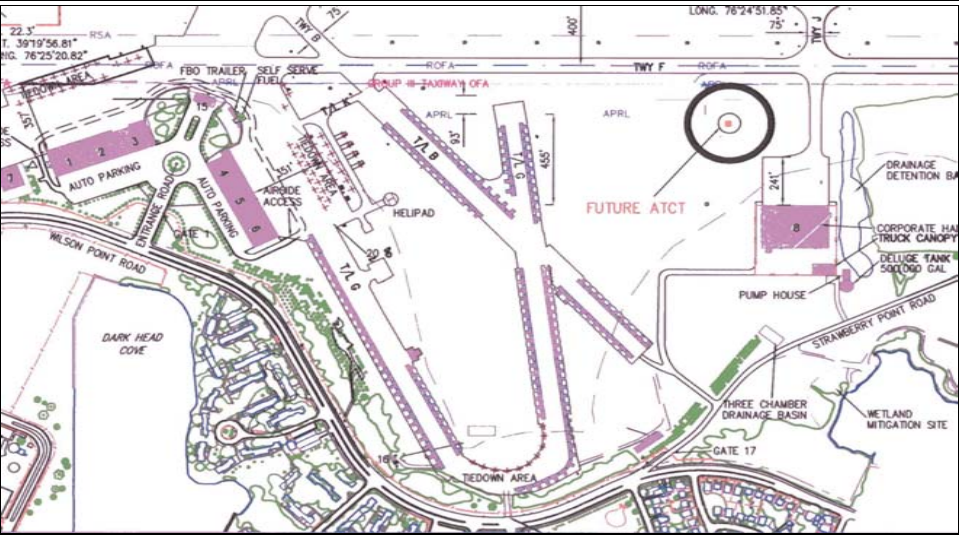
None.

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: Moved from Development and Evaluation Program to Construction Program.

POTENTIAL FUNDING SOURCE:									
TOTAL									
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL
					.....2007.....	.....2008.....	.....2009.....	.....2010.....	
Planning	0	0	0	0	0	0	0	0	0
Engineering	500	0	163	299	38	0	0	0	500
Right-of-way	0	0	0	0	0	0	0	0	0
Construction	7,150	0	0	2,145	5,005	0	0	0	7,150
Total	7,650	0	163	2,444	5,043	0	0	0	7,650
Federal-Aid	2,850	0	0	840	2,010	0	0	0	2,850

OPERATING COST IMPACT: Operation cost will be recovered through common use fees.

Anticipate Maryland Economic Development Corporation (MEDCO) financing.



STATUS: Design to begin in FY 2006 following completion of environmental analysis.

PROJECT: Midfield Complex - New Air Traffic Control Tower For Martin State Airport

DESCRIPTION: This project provides for the construction of a new Air Traffic Control Tower to be located in the midfield complex area at Martin State Airport.

JUSTIFICATION: A new control tower will provide for greater visibility and more efficient aircraft control in and around Martin State Airport. The existing control tower is over 50 years old, and has exceeded its useful life.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
- ☒ Project Within PFA
- ☐ Project Outside PFA; Subject to Exception
- ☐ Grandfathered
- ☐ Exception Approved by BPW/MDOT

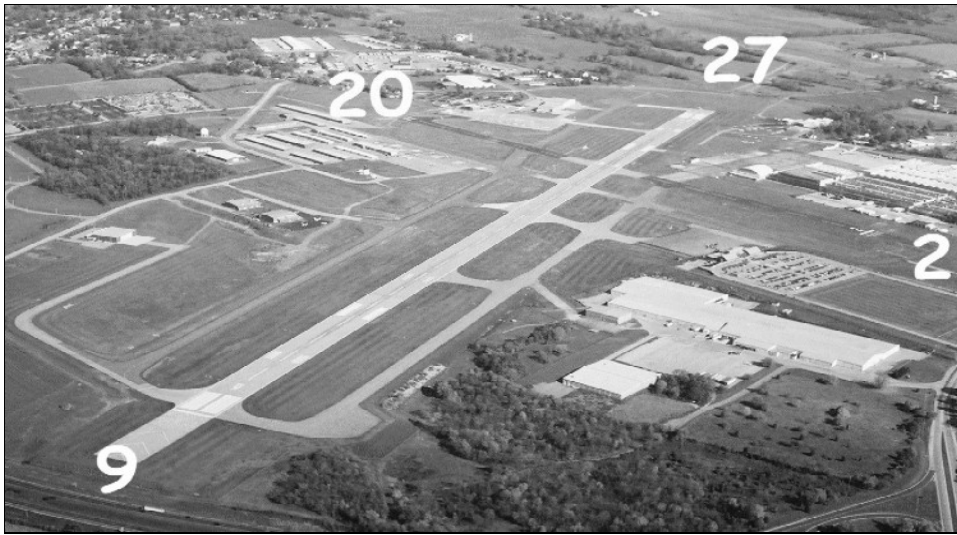
ASSOCIATED IMPROVEMENTS:

None.

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: Cost increase of \$6.4 million due to need for higher tower and taxiway extension to resolve FAA line of site issues.

POTENTIAL FUNDING SOURCE:									
TOTAL									
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL
					.....2007.....	.....2008.....	.....2009.....	.....2010.....	
Planning	0	0	0	0	0	0	0	0	0
Engineering	1,170	0	24	519	519	108	0	0	1,170
Right-of-way	0	0	0	0	0	0	0	0	0
Construction	7,850	0	0	0	2,641	5,209	0	0	7,850
Total	9,020	0	24	519	3,160	5,317	0	0	9,020
Federal-Aid	3,292	0	12	260	1,168	1,852	0	0	3,292

OPERATING COST IMPACT: Operating cost will be recovered through common use fees.



STATUS: Federal, State and Local commitments obtained. Preliminary design underway.

PROJECT: Hagerstown Airport Expansion

DESCRIPTION: This project provides for a multi-year project to expand runway 09-27 at Hagerstown Regional Airport. The project will lengthen the runway from 5,500 feet to 7,000 feet, and includes associated land acquisitions, hold apron, stormwater management, roadway and bridge improvements to US 11.

JUSTIFICATION: The runway 09-27 improvements will correct numerous non-standard conditions, most importantly, the lack of adequate Runway Safety Area (RSA) beyond the ends of the pavement. Also, the existing runway length limits the Airport in accommodating larger aircraft necessary to meet the growth in the region. The extension will better facilitate larger aircraft, as well as, avoid reduction of runway length as an alternative resolution of RSA issues.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

None.

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: Moved from System Preservation Minor Program to Construction program.

POTENTIAL FUNDING SOURCE:										
				<input checked="" type="checkbox"/> SPECIAL	<input type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input checked="" type="checkbox"/> OTHER			
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	57,611	59	7,441	10,500	10,400	8,400	6,335	6,228	49,304	8,248
Total	57,611	59	7,441	10,500	10,400	8,400	6,335	6,228	49,304	8,248
Federal-Aid	0	0	0	0	0	0	0	0	0	0

The cost shown includes federal AIP funds which go directly to the County and are being shown as Other funds. Cost shown does not include Washington County contribution. MDOT contributing \$10.6 million to the project.

1462

FEDERAL FUNDING OBLIGATIONS BY YEAR			
PROJECT PHASE	FFY	FUND CATEGORY	FEDERAL FUND AMOUNT
CO	2005	AIP	8,000
CO	2006	AIP	8,000
CO	2007	AIP	6,000
CO	2008	AIP	6,000
CO	2009	AIP	6,000
CO	2010	AIP	4,000

USAGE: Approximately 59,000 annual passengers.



STATUS: Planning studies underway.

PROJECT: BWI Master Plan and Environmental Studies

DESCRIPTION: Study to identify long-term (20-year) projection, location and extent of BWI facility improvements, as required to meet future aviation demand. Study will require in-depth evaluations of many factors, including future air service, runway and terminal capacities, environmental and community impact considerations.

JUSTIFICATION: The most recent BWI Master Plan was approved in 1987. Most projects envisioned in the 1987 Plan have been constructed. Future planning and programming is needed to maintain BWI's role in the national aviation system, and to accommodate passenger and airline demand well into the future.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
- ☒ Project Within PFA
- ☐ Grandfathered
- ☐ Project Outside PFA; Subject to Exception
- ☐ Exception Approved by BPW/MDOT

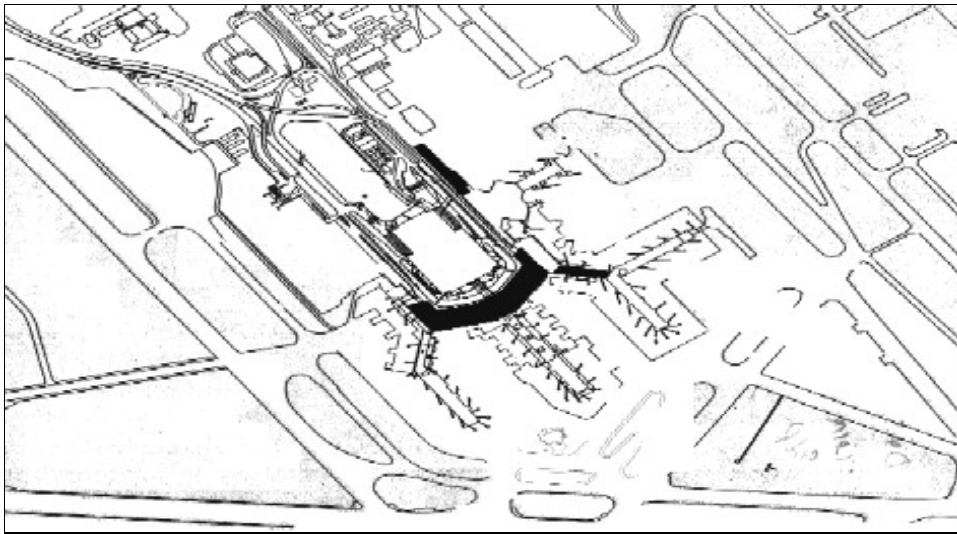
ASSOCIATED IMPROVEMENTS:

None.

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: None.

POTENTIAL FUNDING SOURCE:									
TOTAL									
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL
					.....2007.....	.....2008.....	.....2009.....	.....2010.....	BALANCE TO COMPLETE
Planning	4,451	451	500	3,500	0	0	0	0	4,000 0
Engineering	0	0	0	0	0	0	0	0	0 0
Right-of-way	0	0	0	0	0	0	0	0	0 0
Construction	0	0	0	0	0	0	0	0	0 0
Total	4,451	451	500	3,500	0	0	0	0	4,000 0
Federal-Aid	3,600	0	375	3,225	0	0	0	0	3,600 0

USAGE: Accommodate projected 40% increase in passenger levels between 2000 and 2010.



STATUS: Project planning for Concourse F, Concourse D Widening, People Mover, and Baggage Screening System have been concluded or transferred to other projects. Design for Baggage Screening has been removed and is now shown on Line 20.

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: Planning funds reallocated to related projects and planning contracts.

PROJECT: Terminal Building Expansion at BWI Airport

DESCRIPTION: This project will identify various expansion alternatives for the existing terminal building and address the feasibility and/or cost of each alternative, including potential impacts of new safety/security requirements and other facilities and/or services. Areas to be evaluated, along with preliminary design as warranted, include a new Concourse F, widening of Concourse D, and the possible reconfiguration and expansion of the central terminal for security and circulation/services improvements.

JUSTIFICATION: BWI has experienced significant growth with passenger levels projected to increase approximately 50 percent between 2000 and 2010. New federally mandated security requirements are also expected to impact terminal space usage. Undertaking planning and preliminary design at this time will provide MAA with the necessary expansion options to be responsive to passenger, airline and air service needs.

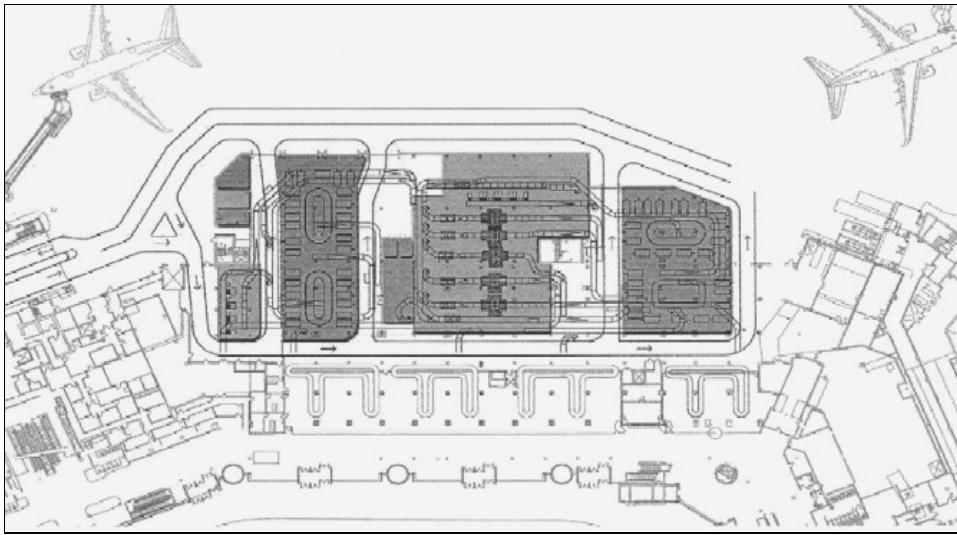
SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

Fully Integrated Baggage Screening System at BWI Airport -- Line 18
 Comprehensive Aviation Planning Services -- Line 21 -- Item 42
 Comprehensive Intermodal and Terminal Planning Services -- Line 21 -- Item 43

POTENTIAL FUNDING SOURCE:										
TOTAL										
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	2,515	2,515	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	2,515	2,515	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



STATUS: Design underway.

PROJECT: Concourse B/C Fully Integrated Baggage Screening System and Baggage Claim Expansion at BWI Airport

DESCRIPTION: This project will develop design for converting the existing baggage screening to in-line baggage handling systems with a fully integrated baggage security system.

JUSTIFICATION: The ability to maintain 100-percent electronic baggage screening, while maintaining projected airline departure flight schedules, is dependent upon BWI attaining the maximum utilization of bag screening technology.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

Terminal Building Expansion at BWI Airport -- Line 17

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: Formerly, design was part of Terminal Building Expansion project.

<u>POTENTIAL FUNDING SOURCE:</u>					<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	4,600	177	2,582	1,244	597	0	0	0	4,423	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	4,600	177	2,582	1,244	597	0	0	0	4,423	0
Federal-Aid	2,500	177	2,323	0	0	0	0	0	2,323	0

FEDERAL FUNDING OBLIGATIONS BY YEAR			
PROJECT PHASE	FFY	FUND CATEGORY	FEDERAL FUND AMOUNT
PE	2005	AIP	2,500
PE	2006	TSA	600
PE	2007	TSA	225



STATUS: Preliminary planning and environmental analysis underway.

PROJECT: People Mover System at BWI Airport

DESCRIPTION: The project involves environmental studies and conceptual design for a people mover system at BWI. The proposed Phase I system includes an alignment from the terminal building to the Consolidated Rental Car Facility including the BWI Rail Station and connections to parking facilities.

JUSTIFICATION: The proposed people mover system will provide the necessary additional capacity to address the projected increase in passenger levels and resultant traffic congestion on the terminal roadway system at BWI. A people mover system will allow for better access and traffic management of the multiple modes of transportation serving the airport, private vehicles, shuttle buses, and commercial vehicles. The system will also improve air quality.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

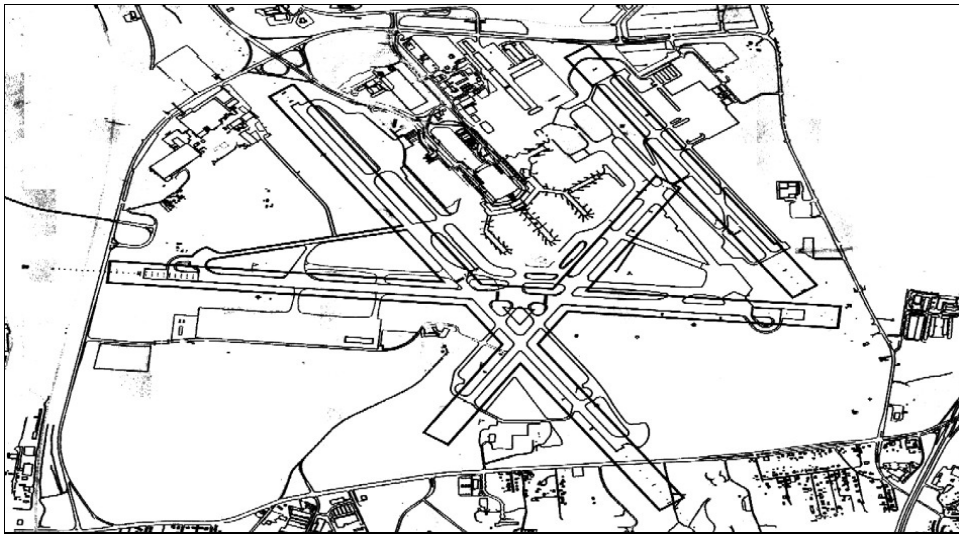
ASSOCIATED IMPROVEMENTS:

None.

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: Planning start delayed from FY 2004 to FY 2005 to address the scope rephasing.

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	2,000	0	571	980	449	0	0	0	2,000	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	2,000	0	571	980	449	0	0	0	2,000	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

USAGE: Accommodate projected 40% increase in passenger levels between 2004 and 2010.



STATUS: Planning study underway as part of System Preservation Minor Projects Program. Environmental analysis to begin in FY 2005.

PROJECT: Runway Safety Area Environmental Assessment at BWI Airport

DESCRIPTION: This project provides for the study of improvements and environmental impact of bringing the Runway Safety Areas (RSA) at both ends of runways at BWI into compliance with current Federal Aviation Administration standards.

JUSTIFICATION: The RSA is intended to provide an extended level of safety at the end of all runways where overruns, veer-offs and undershoots are more likely to occur. To comply with the FAA's requirements, the MAA will evaluate methods to further enhance RSA's at BWI, and provide a safer operating area.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

None.

SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP: Project cashflow adjusted to reflect start of planning contract.

POTENTIAL FUNDING SOURCE:										
			<input checked="" type="checkbox"/>	SPECIAL	<input checked="" type="checkbox"/>	FEDERAL	<input type="checkbox"/>	GENERAL	<input type="checkbox"/>	OTHER
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	4,000	0	907	2,720	373	0	0	0	4,000	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	4,000	0	907	2,720	373	0	0	0	4,000	0
Federal-Aid	3,000	0	0	0	3,000	0	0	0	3,000	0

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 21

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<u>FY 2005 and Prior</u>		
	<u>Airside Development</u>		
1	R/W 15L - 33R RPZ Obstruction Removal at BWI (1018)	852	Complete
2	Airport Triturator Building Rehab (1317)	1,043	Complete
3	BWI Sewage System Upgrade (1025)	3,180	Complete
4	15R Triturator Building (1439)	32	Complete
5	Loading Bridge Replacement (1175)	2,689	Complete
6	Sawmill Creek Watershed Enhancements (1087)	125	Underway
7	Wetland Mitigation (1024)	950	Underway
8	BWI Airport Gate Mgmt. Hardware/Software w/Bi-Directional Integration (1314)	564	Underway
9	Installation of Cable/Conduit for Airfield Lighting (1180)	418	Underway
10	Airfield Signs and Guardlights/Installation of Airfield Signs (1541)	232	Underway
11	BWI Aerial Survey & Obstruction Removal (1313)	475	Underway
12	Comp. Plan - Runway Safety Areas Study (1123)	101	Underway
13	15R Triturator and Power Gate A Access Improvement (1452)	4,105	Spring, 2005
14	Apron Lighting Improvements, Phase I (1286)	835	Spring, 2005
15	B/C Airfield Ramp Regrading (1510)	9,633	Spring, 2005
16	Fire Training Facility & Fire Pit Improvements (1454)	1,607	Spring, 2005
17	Lockout/Tagout for Airfield Lighting Regulators (1398)	175	Spring, 2005
	<u>Annual</u>		
18	Airfield Pvmt. Mgmt. System Update BWI/MTN (1389)	325	Underway
19	Acoustical Services Contract (1485)	1,000	Spring, 2005
	<u>Baltimore/Washington</u>		
20	Comprehensive Construction Mgmt & Inspection -AE98-007 (1048)	1,864	Complete
21	Comprehensive Design - AE 99-007 (1056)	394	Complete
22	Comprehensive Planning - FY2000 (1067)	6,993	Complete

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 21 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<u>FY 2005 and Prior (cont'd)</u>		
	<u>Baltimore/Washington (cont'd)</u>		
23	Comprehensive Commercial Facilities Planning (1085)	929	Complete
24	Comprehensive Design Services - AE01-007-010 (1185)	1,924	Complete
25	Comprehensive Design - AE 99-008 (1057)	643	Underway
26	Comprehensive Design - AE99-006 (1055)	1,730	Underway
27	Comprehensive Design Services- AE99-005 (1054)	2,725	Underway
28	Comprehensive Construction Management & Inspection Services (1188)	940	Underway
29	Comprehensive Planning- AE-01-006/013 (1186)	2,896	Underway
30	A/E Consultants for Building Permits (1390)	200	Underway
31	Comprehensive Acoustical Services- SV02-009 (1184)	540	Underway
32	Environment Consultant -AE02-003 (1183)	2,000	Underway
33	Wildlife Management Plan (1181)	435	Underway
34	Commercial Facilities Planning Consultant (1416)	1,000	Underway
35	Comprehensive Airport Facilities Planning (1459)	2,450	Underway
36	Comprehensive Environmental Planning (1460)	1,000	Underway
37	Fire Protection Engineer Services (1173)	200	Underway
38	MAA Airport Technology Master Plan & Strategic Plan (1330)	750	Underway
39	Comp. Architectural Engineering Design Services (1324)	3,300	Underway
40	Comprehensive Environmental Compliance Services (1461)	1,250	Underway
41	Landside Structures Program Management (1115)	86	Underway
42	Comprehensive Aviation Planning Services (1113)	3,000	Spring, 2005
43	Comprehensive Intermodal & Terminal Planning Services (1114)	3,000	Spring, 2005
	<u>Equipment</u>		
44	New 4,000 Gallon De-icer Truck (1201)	164	Complete
45	1989 Snow Blast Snow Vehicle Replacement (1343)	446	Complete
46	Replace 1985 Mack De-Icing Truck (1345)	158	Complete
47	Snowblower -1989 Idaho Norland Snow Vehicle Replacement (1341)	446	Complete

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 21 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<u>FY 2005 and Prior (cont'd)</u>		
	<u>Equipment (cont'd)</u>		
48	Street Sweeper Replacement - FY04 (1403)	129	Complete
49	Two Additional Snow Plows-FY04 (1399)	470	Complete
50	Emergency Call Box Replacement/Installation (1512)	450	Underway
51	Additional Front-End Loader FY04 (1400)	642	Underway
52	2000 Gallon Fuel Tanker - Replacement (1440)	126	Underway
53	4 x 4 Dump Truck - 6 Additional Snow Vehicles (1444)	1,422	Underway
54	4X4 Dump Trucks w/ 22' plow- 4 Addtl Snow Vehicles (1221)	1,200	Underway
55	Additional Solid Chemical Truck- Snow Removal- V Box Spreader (1231)	180	Underway
56	Crash Truck 434 - Replacement (1393)	670	Underway
57	IT Equipment (1455)	425	Underway
58	Replace 5 Ton Tow Truck (1442)	126	Underway
59	Replace Crash Truck 433 (1333)	670	Underway
60	Seven Runway Brooms- Snow Removal (1349)	2,800	Underway
61	Street Sweeper - Replacement Equipment (1443)	129	Underway
62	Three Additional Snowblowers (1224)	1,215	Underway
63	Three Hydraulic "V" Box Spreader Trucks for Snow (1445)	570	Underway
64	Two Additional Liquid Chemical Tanker-FY04 (1401)	438	Underway
65	V- Box Spreader Trucks /Two Snow Removal (1230)	500	Underway
	<u>Information Technology</u>		
66	CUTE for International Terminal Buildout (1244)	2,788	Complete
67	MUFIDS/BIDS Upgrade, Ph I (1335)	3,226	Underway
68	800 Mhz Emergency Digital Trunked Radio System (1334)	1,993	Underway
	<u>Landside Development</u>		
69	Long Term Parking Rehabilitation at BWI (1189)	333	Complete

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 21 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<u>FY 2005 and Prior (cont'd)</u>		
	<u>Landside Development (cont'd)</u>		
70	Traffic Flow Improvements (1387)	70	Complete
71	Bridge Inspection (SHA Consultant) (1023)	459	Underway
72	MdTA Police OT-Movement of Traffic (1378)	500	Underway
73	Comprehensive Paving, 2002 (1257)	2,298	Underway
74	BWI Landscaping (1377)	734	Underway
75	Redundant IT Facility/MIS Office Relocation (1222)	2,505	Underway
76	Tenant Mods (1277)	905	Underway
77	Comprehensive Paving at BWI- FY04 (1392)	2,764	Underway
78	BWI Airport Gateway Treatment Study (1591)	200	Underway
79	FY05 Comprehensive Paving (1448)	2,125	Underway
80	Hourly Parking Garage Renovation (1464)	4,265	Underway
81	IT Systems Design Services (1456)	300	Underway
82	Landside Operations Center (1446)	790	Underway
83	MAC Building Renovations (1161)	3,434	Underway
84	Maintenance Complex Rehab (1086)	4,362	Underway
85	Public Awareness Program (1254)	65	Underway
86	Terminal Bag Claim & Concourse Ltg Upgrade (1140)	1,460	Underway
87	CNG Fueling Station (1431)	2,290	Spring, 2005
	<u>Martin State</u>		
88	MTN Electr. Renovation to Hangar Doors 1-6 (1195)	825	Complete
89	Purchase of MTN Hangar (1136)	1,083	Complete
90	MTN Environmental Assessment (1411)	332	Underway
91	MTN Obstruction Survey (1508)	250	Underway
92	MTN Electrical Switch Gear Upgrades (1360)	702	Underway
93	MTN Rehab of Plumbing System (1365)	702	Underway
94	MTN Strawberry Point Lighting (1362)	311	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 21 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<u>FY 2005 and Prior (cont'd)</u>		
	<u>Martin State (cont'd)</u>		
95	MTN Aviation Self-Fueling Station (1526)	536	Underway
96	MTN Fire Hydrant Replacement (1509)	276	Underway
97	MTN Fuel Truck Containment Area (1528)	701	Underway
98	MTN HVAC Upgrade-Maint. Shop, Admin. Bldg. & Hangers 4-6 (1432)	1,289	Underway
99	MTN Runway Rehabilitation (1093)	170	Underway
100	MTN Tenant Mods (1199)	209	Underway
	<u>Regional Aviation</u>		
101	Cambridge/Dorchester County Airport Grant (1234)	977	Underway
102	State Public/Private Heliport-Vertiport System Plan Study (1235)	500	Underway
103	Aid to Public/Private Airports (MAPA-90%) (1106)	1,000	Underway
104	Regional Airport Standardization Program (1227)	250	Underway
105	Regional Aviation Program (1107)	557	Underway
106	Statewide Aviation Grants (AIP-5%) (1105)	750	Underway
	<u>Security</u>		
107	Airfield Security Checkpoints (Sec. Booth) Impvmt. (1435)	245	Complete
108	Canine Facility at BWI Airport (1386)	820	Complete
109	Landside Communication & Security Upgrade, PH II (1380)	426	Complete
110	Terminal Security Checkpoint Modifications (1434)	3,140	Complete
111	Baggage Security Screening System Upgrades (1540)	3,570	Complete
112	Security Center Relocation (1396)	538	Complete
113	Security Initiatives (1298)	1,226	Underway

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 21 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<u>FY 2005 and Prior (cont'd)</u>		
	<u>Terminal Development</u>		
114	BWI Communication Closet Security Modification (1103)	1,760	Complete
115	Terminal Bldg Interior Mods/Improvements (1255)	2,163	Complete
116	Electrical Substation Feeder (1385)	1,562	Complete
117	Elevator Rehab. Program (1152)	979	Complete
118	Passenger Lounge/Club Renovation (1193)	936	Complete
119	Terminal Water Supply Sys Upgrade (1190)	289	Complete
120	Construction for CUTE in International Terminal (1524)	2,100	Complete
121	New Tenant Modifications (1157)	702	Underway
122	Tenant Modifications (1179)	731	Underway
123	Forced Main Sewer Line Installation - Parallel Line (D) (1407)	1,387	Underway
124	Tenant Modifications (1417)	925	Underway
125	Terminal Bldg Interior Mods (1447)	3,496	Underway
126	Airline Relocation (1511)	4,705	Underway
127	County Sewer and Water Capital Improvements (1028)	1,384	Underway
128	Terminal Piers Jetway Door Replacement (1410)	31	Underway
129	Heating & Ventilation, Water Heaters, and Controls Replacement at BWI (1302)	1,405	Spring, 2005
130	MUFIDS/BIDS Upgrade, Phase III (1604)	1,180	Spring, 2005
131	Tenant and Safety Modifications (1457)	770	Spring, 2005
132	Terminal Building Interior Modifications (1450)	3,000	Spring, 2005
	<u>FY 2006</u>		
	<u>Airside Development</u>		
133	Additional Glycol Collection Tank (1318)	1,455	Spring, 2006
134	Airfield Ramp Rehab/Airfield Concrete Structure & Drain Replacement (1465)	2,925	Spring, 2006
135	B/C Airfield Ramp Regrading, Ph.II (1610)	6,090	Spring, 2006
136	Underground Airfield Fire Hydrants at non-RSA locations (1521)	665	Spring, 2006

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 21 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<u>FY 2006 (cont'd)</u>		
	<u>Airside Development (cont'd)</u>		
137	UR - Airfield Lighting Cable Replacement (1351)	3,540	Spring, 2006
	<u>Annual</u>		
138	BWI Parking Pavement Rehab and Signage (1491)	200	Summer, 2005
139	Comprehensive Regional Air Passenger Survey (1486)	125	Summer, 2005
140	Inspection of BWI Parking Garage Structures (1463)	200	Summer, 2005
141	Airside Paving Rehab (1469)	6,364	Spring, 2006
	<u>Baltimore/Washington</u>		
142	BWI IT Infrastructure (1291)	400	Summer, 2005
143	BWI Security Fence (1245)	350	Summer, 2005
144	Revenue Control System Equipment (1270)	400	Summer, 2005
	<u>Equipment</u>		
145	Additional Debris Sweeper for Airfield Ramp (1564)	130	Summer, 2005
146	IT Equipment (1455)	832	Summer, 2005
147	Replace Glycol Recovery Vehicles (3) (1619)	810	Summer, 2005
148	Replace Paint Truck (1559)	264	Summer, 2005
	<u>Information Technology</u>		
149	800 Mhz Emergency Digital Trunked Radio System (1334)	4,376	Summer, 2005
	<u>Landside Development</u>		
150	MAC Building Renovations (1161)	548	Summer, 2005

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 21 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<u>FY 2006 (cont'd)</u>		
	<u>Landside Development (cont'd)</u>		
151	M-TAG Pilot Program (1397)	250	Summer, 2005
152	Plumbing Repairs at Self Maintenance & ARFF Buildings (1409)	214	Summer, 2005
153	Terminal Bag Claim & Concourse Ltg Upgrade (1140)	3,009	Summer, 2005
154	UR - Fire Protection - Hourly Garage Improvements (1474)	3,314	Summer, 2005
155	UR - Water System - Connect 24" AACO - 12" Main at Aviation Blvd. (1355)	417	Fall, 2005
	<u>Martin State</u>		
156	MTN Runway Rehabilitation (1093)	574	Summer, 2005
157	MTN Fuel Farm Renovations (1530)	523	Fall, 2005
158	MTN Connection to Airport Water Supply for Fire Suppression System (1433)	1,360	Spring, 2006
159	MTN Helicopter Landing Area (1529)	315	Spring, 2006
160	MTN Ramp Paving (1092)	512	Spring, 2006
161	MTN Stormwater Management Program (1094)	1,560	Spring, 2006
	<u>Regional Aviation</u>		
162	Aid to Public/Private Airports (MAPA-90%) (1106)	1,000	Summer, 2005
163	Regional Airport Standardization Program (1227)	125	Summer, 2005
164	Regional Aviation Program (1107)	225	Summer, 2005
165	St. Mary's County Airport (1108)	270	Summer, 2005
166	Statewide - Airport Pavement (1607)	200	Summer, 2005
167	Statewide - Airport System Plan (ASP) Update/Revision (1608)	500	Summer, 2005
168	Statewide Aviation Grants (AIP-5%) (1105)	750	Summer, 2005
	<u>Security</u>		
169	Security CCTV Upgrade (1246)	4,266	Spring, 2006

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

MARYLAND AVIATION ADMINISTRATION - LINE 21 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<u>FY 2006 (cont'd)</u>		
	<u>Security (cont'd)</u>		
178	Two Perimeter Security Intrusion Detection Systems (PIDS) (1613)	1,100	Spring, 2006
	<u>Terminal Development</u>		
170	County Sewer and Water Capital Improvements (1028)	230	Summer, 2005
171	Sanitary Sewer Main Rehab Phase II (1453)	2,805	Summer, 2005
172	Terminal Piers Jetway Door Replacement (1410)	69	Summer, 2005
173	Engineering & Facilities Emergency Mapping Mgmt Phase I (1623)	600	Fall, 2005
174	Fire Protection - Sprinkler Zone Control Valve Relocation (1363)	460	Fall, 2005
175	Lightning Strike Equipment for Airport Electronics (1458)	373	Fall, 2005
176	Terminal Space Frame Lighting (1436)	768	Spring, 2006
177	UR - Electrical System - BWI SCADA System (1229)	2,465	Spring, 2006